

CLAIMS

What we claim is:

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1. A computing system for incorporating physical paper input into a graphical user interface (GUI), said computing system comprising:

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a computing device input system for recording a physical writing using an electronic pen and, responsive to a user's input, for selecting a region of said recorded physical writing;

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an object creation manager device for creating an object representation of said selected region of said recorded physical writing; and

an object support component of said GUI for supporting use of said created object representation by said GUI.

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2. The computing system of claim 1 wherein said object support component of said GUI supports use of said created object representation as a clipboard element that can be pasted into an application.

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3. The computing system of claim 1 wherein said object representation of said selected region is supported as a reminder note.

4. The computing system of claim 1 wherein said object representation of said selected region is displayed in a window of said GUI.

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5. The computing system of claim 1 wherein said computing system further comprises a display for displaying said GUI and said representation of said physical writing.

6. The computing system of claim 1 wherein said selected region is indicated by a user manipulating said electronic pen for defining a region within said recorded physical writing.

5 7. The computing system of claim 6 wherein said region is defined by one of circling said region of said physical writing or by tapping corner boundaries of said region.

8. The computing system of claim 1 wherein a user indicates a desire to select a
10 region of said physical writing by tapping a menu bar.

9. The computing system of claim 1 wherein a user indicates a desired type of object representation to be created by said object creation manager device by selecting an item from a menu bar.

15 10. The computing system of claim 1 wherein said computing input device is comprised of a digitizer input system, and wherein said electronic pen is embodied as a pen that emits a signal that is detectable by said digitizer input system.

20 11. A method for incorporating a writing input into a graphical user interface (GUI), said method comprising the steps of:

recording a representation of a physical writing created using an electronic pen;

25 selecting a region of said representation of said physical writing by manipulating said electronic pen;

creating an object representation of said selected region; and

30 supporting use of said created object representation by an object support component of said GUI.

12. The method of claim 11 further comprising the step of indicating a desire to select a region of said physical writing to said input system.

13. The method of claim 11 further comprising the step of indicating a type of object representation to be created by an object creation manager device.

14. The method of claim 13 wherein said type of object representation is selected from a menu bar with said input pen.

15. The method of claim 11 wherein said step of selecting said region is indicated by manipulating said input pen for defining a region within said recorded physical writing.

16. The method of claim 15, wherein said region is defined by one of circling said region of said physical writing or by tapping corner boundaries of said region.

17. A storage medium having computer readable program instructions embodied therein for incorporating physical paper input into a graphical user interface (GUI), said storage medium comprising:

program instructions, responsive to recording a physical writing created using an electronic pen of a computing device input system and selecting a region of said recorded physical writing, for creating an object representation of said selected region by an object creation manager device; and

program instructions for supporting use of said created object representation by a object support component of said GUI.

18. The storage medium of claim 17 further comprising program instructions for indicating a type of object representation to be created by said object creation manager device.

19. The storage medium of claim 17 further comprising program instructions for defining said region in response to one of circling said region of said physical writing or by tapping corner boundaries of said region.